# Vinay Badhwar

List of Publications by Year
in descending order



| 226 | 10,828 | 46918 47 | 33814 99 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 227 | 227 | 227 | 9841 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. Heart Rhythm, 2017, 14, e275-e444. | 0.3 | 1,671 |
| 2 | 2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. Europace, 2018, 20, e1-e160. | 0.7 | 767 |
| 3 | The Society of Thoracic Surgeons Intermacs 2020 Annual Report. Annals of Thoracic Surgery, 2021, 111, 778-792. | 0.7 | 406 |
| 4 | 2017â€‰HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. Europace, 2018, 20, 157-208. | 0.7 | 375 |
| 5 | The Society of Thoracic Surgeons 2017 Clinical Practice Guidelines for the Surgical Treatment of Atrial Fibrillation. Annals of Thoracic Surgery, 2017, 103, 329-341. | 0.7 | 362 |
| 6 | 2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. Journal of Arrhythmia, 2017, 33, 369-409. | 0.5 | 348 |
| 7 | The Society of Thoracic Surgeons Intermacs 2019 Annual Report: The Changing Landscape of Devices and Indications. Annals of Thoracic Surgery, 2020, 109, 649-660. | 0.7 | 323 |
| 8 | The Society of Thoracic Surgeons 2018 Adult Cardiac Surgery Risk Models: PartÂ1â€”Background, Design Considerations, and Model Development. Annals of Thoracic Surgery, 2018, 105, 1411-1418. | 0.7 | 281 |
| 9 | The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2018 Update on Outcomes and Quality. Annals of Thoracic Surgery, 2018, 105, 15-23. | 0.7 | 279 |
| 10 | The Society of Thoracic Surgeons 2018ÂAdult Cardiac Surgery Risk Models:ÂPartÂ2â€”Statistical Methods andÂResults. Annals of Thoracic Surgery, 2018, 105, 1419-1428. | 0.7 | 268 |
| 11 | Contemporary Real-World Outcomes of Surgical Aortic Valve Replacement in 141,905 Low-Risk, Intermediate-Risk, and High-Risk Patients. Annals of Thoracic Surgery, 2015, 99, 55-61. | 0.7 | 253 |
| 12 | Isolated Mitral Valve Surgery: The Society of Thoracic Surgeons Adult Cardiac Surgery Database Analysis. Annals of Thoracic Surgery, 2018, 106, 716-727. | 0.7 | 216 |
| 13 | Initial Feasibility Study of a NewÂTranscatheter Mitral Prosthesis. Journal of the American College of Cardiology, 2019, 73, 1250-1260. | 1.2 | 172 |
| 14 | The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2019 Update onÂOutcomes and Quality. Annals of Thoracic Surgery, 2019, 107, 24-32. | 0.7 | 172 |
| 15 | Extracorporeal Membrane Oxygenation in the Treatment of Severe Pulmonary and Cardiac Compromise in Coronavirus Disease 2019: Experience with 32 Patients. ASAIO Journal, 2020, 66, 722-730. | 0.9 | 149 |
| 16 | Surgical Ablation of Atrial Fibrillation in the United States: Trends and Propensity Matched Outcomes. Annals of Thoracic Surgery, 2017, 104, 493-500. | 0.7 | 140 |
| 17 | Longitudinal Outcome of Isolated Mitral Repair in Older Patients: Results From 14,604 Procedures Performed From 1991 to 2007. Annals of Thoracic Surgery, 2012, 94, 1870-1879. | 0.7 | 136 |
| 18 | 2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. Heart Rhythm, 2017, 14, e445-e494. | 0.3 | 135 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Association Between Left Atrial Appendage Occlusion and Readmission for Thromboembolism Among Patients With Atrial Fibrillation Undergoing Concomitant Cardiac Surgery. JAMA - Journal of the American Medical Association, 2018, 319, 365. | 3.8 | 134 |
| 20 | 2020 Focused Update of the 2017 ACC Expert Consensus Decision Pathway on the Management of MitralÂRegurgitation. Journal of the American College of Cardiology, 2020, 75, 2236-2270. | 1.2 | 132 |
| 21 | The Society of Thoracic Surgeons NationalÂDatabase 2019 Annual Report. Annals of Thoracic Surgery, 2019, 108, 1625-1632. | 0.7 | 130 |
| 22 | Expert consensus guidelines: Examining surgical ablation for atrial fibrillation. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 1330-1354.e1. | 0.4 | 125 |
| 23 | The Society of Thoracic Surgeons Mitral Repair/Replacement Composite Score: A Report of The Society of Thoracic Surgeons Quality Measurement Task Force. Annals of Thoracic Surgery, 2016, 101, 2265-2271. | 0.7 | 108 |
| 24 | STS Adult Cardiac Surgery Database: 2021 Update on Outcomes, Quality, and Research. Annals of Thoracic Surgery, 2021, 111, 1770-1780. | 0.7 | 108 |
| 25 | 2017 ACC Expert Consensus DecisionÂPathway on the ManagementÂof Mitral Regurgitation. Journal of the American College of Cardiology, 2017, 70, 2421-2449. | 1.2 | 107 |
| 26 | Performing Concomitant Tricuspid Valve Repair at the Time of Mitral Valve Operations Is Not Associated With Increased Operative Mortality. Annals of Thoracic Surgery, 2017, 103, 587-593. | 0.7 | 95 |
| 27 | The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2020 Update on Outcomes and Research. Annals of Thoracic Surgery, 2020, 109, 1646-1655. | 0.7 | 91 |
| 28 | Volume-Outcome Association of Mitral Valve Surgery in the United States. JAMA Cardiology, 2020, 5, 1092. | 3.0 | 84 |
| 29 | 2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: executive summary. Journal of Interventional Cardiac Electrophysiology, 2017, 50, 1-55. | 0.6 | 83 |
| 30 | Failure to Rescue Rates After Coronary Artery Bypass Grafting: An Analysis From The Society of Thoracic Surgeons Adult Cardiac Surgery Database. Annals of Thoracic Surgery, 2016, 102, 458-464. | 0.7 | 82 |
| 31 | The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2016 Update on Outcomes andÂQuality. Annals of Thoracic Surgery, 2016, 101, 24-32. | 0.7 | 81 |
| 32 | The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2017 Update on Outcomes and Quality. Annals of Thoracic Surgery, 2017, 103, 18-24. | 0.7 | 80 |
| 33 | Introduction to the STS National Database Series. Annals of Thoracic Surgery, 2015, 100, 1992-2000. | 0.7 | 75 |
| 34 | Noninferiority of Closely Monitored Mechanical Valves to Bioprostheses Overshadowed by Early Mortality Benefit in Younger Patients. Annals of Thoracic Surgery, 2012, 93, 748-753. | 0.7 | 71 |
| 35 | Penetration, Completeness, and Representativeness of The Society of Thoracic Surgeons Adult Cardiac Surgery Database. Annals of Thoracic Surgery, 2016, 101, 33-41. | 0.7 | 71 |
| 36 | Heart valve scaffold fabrication: Bioinspired control of macro-scale morphology, mechanics and micro-structure. Biomaterials, 2018, 150, 25-37. | 5.7 | 66 |

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|---|---|---|---|
| 37 | Network Tomography for UnderstandingÂPhenotypic Presentations in Aortic Stenosis. JACC: Cardiovascular Imaging, 2019, 12, 236-248. | 2.3 | 66 |
| 38 | The Society of Thoracic Surgeons Composite Measure of Individual Surgeon Performance for Adult Cardiac Surgery: A Report of The Society of Thoracic Surgeons Quality Measurement Task Force. Annals of Thoracic Surgery, 2015, 100, 1315-1325. | 0.7 | 62 |
| 39 | Distressed communities are associated with worse outcomes after coronary artery bypass surgery. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 425-432.e9. | 0.4 | 61 |
| 40 | The STS AVRÂ+ CABG Composite Score: A Report of the STS Quality Measurement Task Force. Annals of Thoracic Surgery, 2014, 97, 1604-1609. | 0.7 | 56 |
| 41 | The Society of Thoracic Surgeons Voluntary Public Reporting Initiative. Annals of Surgery, 2015, 262, 526-535. | 2.1 | 53 |
| 42 | Clinical Outcomes of Mitral Valve Reoperations in the United States: An Analysis of The Society of Thoracic Surgeons National Database. Annals of Thoracic Surgery, 2019, 107, 754-759. | 0.7 | 53 |
| 43 | The Society of Thoracic Surgeons National Database 2018 Annual Report. Annals of Thoracic Surgery, 2018, 106, 1603-1611. | 0.7 | 52 |
| 44 | Mechanical ventilation and extracorporeal membrane oxygenation as a bridge to lung transplantation: Closing the gap. Journal of Heart and Lung Transplantation, 2019, 38, 1104-1111. | 0.3 | 51 |
| 45 | The CURE-AF trial: A prospective, multicenter trial of irrigated radiofrequency ablation for the treatment of persistent atrial fibrillation during concomitant cardiac surgery. Heart Rhythm, 2014, 11, 39-45. | 0.3 | 50 |
| 46 | Robotic mitral valve operations by experienced surgeons are cost-neutral and durable at 1Âyear. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1040-1047. | 0.4 | 49 |
| 47 | Extubating in the operating room after adult cardiac surgery safely improves outcomes and lowers costs. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 3101-3109.e1. | 0.4 | 48 |
| 48 | Practice gaps in the care of mitral valve regurgitation: Insights from the American College of Cardiology mitral regurgitation gap analysis and advisory panel. American Heart Journal, 2016, 172, 70-79. | 1.2 | 46 |
| 49 | Risk Aversion and Public Reporting. Part 1: Observations From Cardiac Surgery and Interventional Cardiology. Annals of Thoracic Surgery, 2017, 104, 2093-2101. | 0.7 | 46 |
| 50 | Left Atrial Reduction Enhances Outcomes of Modified Maze Procedure for Permanent Atrial Fibrillation During Concomitant Mitral Surgery. Annals of Thoracic Surgery, 2006, 82, 1758-1764. | 0.7 | 42 |
| 51 | Safety and Efficacy of Implementing a Multidisciplinary Heart Team Approach for Revascularization in Patients With Complex Coronary Artery Disease. JAMA Surgery, 2014, 149, 1109. | 2.2 | 42 |
| 52 | Failure to Rescue: A New Society of Thoracic Surgeons Quality Metric for Cardiac Surgery. Annals of Thoracic Surgery, 2022, 113, 1935-1942. | 0.7 | 42 |
| 53 | Contemporary Surgical Management of Hypertrophic Cardiomyopathy in the United States. Annals of Thoracic Surgery, 2019, 107, 460-466. | 0.7 | 41 |
| 54 | The Society of Thoracic Surgeons National Database 2017 Annual Report. Annals of Thoracic Surgery, 2017, 104, 1774-1781. | 0.7 | 40 |

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|---|---|---|---|
| 55 | The Society of Thoracic Surgeons Mitral Valve Repair/Replacement Plus Coronary Artery Bypass Grafting Composite Score: A Report of The Society of Thoracic Surgeons Quality Measurement Task Force. Annals of Thoracic Surgery, 2017, 103, 1475-1481. | 0.7 | 39 |
| 56 | Associations Between Surgical Ablation and Operative Mortality After Mitral ValveÂProcedures. Annals of Thoracic Surgery, 2018, 105, 1790-1796. | 0.7 | 39 |
| 57 | Robotic Mitral Valve Repair in Older Individuals: An Analysis of The Society of Thoracic Surgeons Database. Annals of Thoracic Surgery, 2018, 106, 1388-1393. | 0.7 | 39 |
| 58 | Geometric Ring Annuloplasty for Aortic Valve Repair during Aortic Aneurysm Surgery. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2018, 13, 248-253. | 0.4 | 38 |
| 59 | The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2018 Update on Research: Outcomes Analysis, Quality Improvement, and Patient Safety. Annals of Thoracic Surgery, 2018, 106, 8-13. | 0.7 | 37 |
| 60 | Revascularization heart team recommendations as an adjunct to appropriate use criteria for coronary revascularization in patients with complex coronary artery disease. Catheterization and Cardiovascular Interventions, 2016, 88, E103-E112. | 0.7 | 36 |
| 61 | The Evolving Burden of Drug Use Associated Infective Endocarditis in the United States. Annals of Thoracic Surgery, 2020, 110, 1185-1192. | 0.7 | 36 |
| 62 | The Society of Thoracic Surgeons National Database 2016 Annual Report. Annals of Thoracic Surgery, 2016, 102, 1790-1797. | 0.7 | 35 |
| 63 | Mitral Surgery After Transcatheter Edge-to-Edge Repair. Journal of the American College of Cardiology, 2021, 78, 1-9. | 1.2 | 35 |
| 64 | Robotic aortic valve replacement. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 1753-1759. | 0.4 | 34 |
| 65 | The Impact of Mitral Disease Etiology onÂOperative Mortality After Mitral ValveÂOperations. Annals of Thoracic Surgery, 2018, 106, 1406-1413. | 0.7 | 33 |
| 66 | Patient and Hospital Characteristics of Mitral Valve Surgery in the United States. JAMA Cardiology, 2019, 4, 1149. | 3.0 | 33 |
| 67 | Are There Gaps in Current Thoracic Surgery Residency Training Programs?. Annals of Thoracic Surgery, 2016, 101, 2350-2355. | 0.7 | 32 |
| 68 | Less-Invasive Aortic Valve Replacement: Trends and Outcomes From The Society of Thoracic Surgeons Database. Annals of Thoracic Surgery, 2021, 111, 1216-1223. | 0.7 | 32 |
| 69 | The Effect of COVID-19 on Adult Cardiac Surgery in the United States in 717â€‰103 Patients. Annals of Thoracic Surgery, 2022, 113, 738-746. | 0.7 | 32 |
| 70 | InÂvivo functional assessment of a novel degradable metal and elastomeric scaffold-based tissue engineered heart valve. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 1809-1816. | 0.4 | 30 |
| 71 | Successful linking of the Society of Thoracic Surgeons Database to Social Security data to examine the accuracy of Society of Thoracic Surgeons mortality data. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 976-983. | 0.4 | 29 |
| 72 | One-year mortality and costs associated with surgical ablation for atrial fibrillation concomitant to coronary artery bypass graftingâ€. European Journal of Cardio-thoracic Surgery, 2017, 52, 471-477. | 0.6 | 29 |

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|---|---|---|---|
| 73 | Predictors of operating room extubation in adult cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 1656-1665.e2. | 0.4 | 29 |
| 74 | The long-term safety and efficacy of concomitant Cox maze procedures for atrial fibrillation in patients without mitral valve disease. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 1505-1514. | 0.4 | 29 |
| 75 | Transesophageal Echocardiography in Patients Undergoing Coronary Artery Bypass Graft Surgery. Journal of the American College of Cardiology, 2021, 78, 112-122. | 1.2 | 29 |
| 76 | Conversion From Off-Pump Coronary Artery Bypass Grafting to On-Pump Coronary Artery Bypass Grafting. Annals of Thoracic Surgery, 2017, 104, 1267-1274. | 0.7 | 28 |
| 77 | Risk Aversion and Public Reporting. Part 2: Mitigation Strategies. Annals of Thoracic Surgery, 2017, 104, 2102-2110. | 0.7 | 28 |
| 78 | Transcatheter mitral valve therapy: The event horizon. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 330-336. | 0.4 | 27 |
| 79 | Current Penetration, Completeness, and Representativeness of The Society of Thoracic Surgeons Adult Cardiac Surgery Database. Annals of Thoracic Surgery, 2022, 113, 1461-1468. | 0.7 | 27 |
| 80 | Optimum surgical treatment for tricuspid valve infective endocarditis: An analysis of the Society of Thoracic Surgeons national database. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 1227-1235.e1. | 0.4 | 26 |
| 81 | Composite Metric for Benchmarking Site Performance in Transcatheter Aortic Valve Replacement: Results From the STS/ACC TVT Registry. Circulation, 2021, 144, 186-194. | 1.6 | 26 |
| 82 | Acute In Vivo Functional Assessment of a Biodegradable Stentless Elastomeric Tricuspid Valve. Journal of Cardiovascular Translational Research, 2020, 13, 796-805. | 1.1 | 24 |
| 83 | Mitral valve surgery in the US Veterans Administration health system: 10-year outcomes and trends. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 105-117.e5. | 0.4 | 23 |
| 84 | Multi-institutional Analysis of 100 Consecutive Patients with COVID-19 and Severe Pulmonary Compromise Treated with Extracorporeal Membrane Oxygenation: Outcomes and Trends Over Time. ASAIO Journal, 2021, 67, 496-502. | 0.9 | 23 |
| 85 | Oral anticoagulation may not be necessary for patients discharged in sinus rhythm after the Cox Maze IV procedure. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 997-1006. | 0.4 | 21 |
| 86 | Surgical ablation of atrial fibrillation concomitant to coronary-artery bypass grafting provides cost-effective mortality reduction. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 675-686.e13. | 0.4 | 21 |
| 87 | Aortic Annular Enlargement in the Elderly: Short and Long-Term Outcomes in the United States. Annals of Thoracic Surgery, 2021, 112, 1160-1166. | 0.7 | 21 |
| 88 | Mitral regurgitation severity predicts one-year therapeutic benefit of Tendyne transcatheter mitral valve implantation. EuroIntervention, 2019, 15, e1065-e1071. | 1.4 | 21 |
| 89 | Robotic Aortic Valve Replacement: First 50 Cases. Annals of Thoracic Surgery, 2022, 114, 720-726. | 0.7 | 20 |
| 90 | Multi-institutional Analysis of 505 Patients With Coronavirus Disease-2019 Supported With Extracorporeal Membrane Oxygenation: Predictors of Survival. Annals of Thoracic Surgery, 2022, 114, 61-68. | 0.7 | 20 |

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| 91 | Concomitant carotid endarterectomy and cardiac surgery does not decrease postoperative stroke rates. Journal of Vascular Surgery, 2020, 72, 589-596.e3. | 0.6 | 19 |
| 92 | Handgrip strength and dysphagia assessment following cardiac surgery. Laryngoscope, 2015, 125, 2330-2332. | 1.1 | 18 |
| 93 | National Benchmarks for Proportions of Patients Receiving Blood Transfusions During Pediatric and Congenital Heart Surgery: An Analysis of the STS Congenital Heart Surgery Database. Annals of Thoracic Surgery, 2018, 106, 1197-1203. | 0.7 | 18 |
| 94 | A pathoanatomic approach to secondary functional mitral regurgitation: Evaluating the evidence. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 76-81. | 0.4 | 18 |
| 95 | The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2016 Update on Research. Annals of Thoracic Surgery, 2016, 102, 7-13. | 0.7 | 17 |
| 96 | Long-term outcomes of aortic root operations in the United States among Medicare beneficiaries. Journal of Thoracic and Cardiovascular Surgery, 2023, 165, 554-565.e6. | 0.4 | 17 |
| 97 | Long-term patient and allograft outcomes of renal transplant recipients undergoing cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 270-275. | 0.4 | 16 |
| 98 | Surgical Treatment for Stand-Alone AtrialÂFibrillation in North America. Annals of Thoracic Surgery, 2020, 109, 745-752. | 0.7 | 16 |
| 99 | Association of Volume and Outcomes in 234 556 Patients Undergoing Surgical Aortic Valve Replacement. Annals of Thoracic Surgery, 2022, 114, 1299-1306. | 0.7 | 16 |
| 100 | The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2017 Update onÂResearch. Annals of Thoracic Surgery, 2017, 104, 22-28. | 0.7 | 15 |
| 101 | The opioid epidemic and intravenous drugâ€“associated endocarditis: A path forward. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 1273-1278. | 0.4 | 15 |
| 102 | Bicuspid aortic valve repair using geometric ring annuloplasty: A first-in-humans pilot trial. JTCVS Techniques, 2020, 1, 18-25. | 0.2 | 15 |
| 103 | The Society of Thoracic Surgeons 2021 Adult Cardiac Surgery Risk Models for Multiple Valve Operations. Annals of Thoracic Surgery, 2022, 113, 511-518. | 0.7 | 15 |
| 104 | Aortic clamping strategy and postoperative stroke. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1451-1457.e4. | 0.4 | 14 |
| 105 | Clinical and Economic Burden of Acute Ischemic Stroke Following Transcatheter Aortic Valve Replacement. Structural Heart, 2019, 3, 72-73. | 0.2 | 14 |
| 106 | Aortic valve repair for tri-leaflet aortic insufficiency associated with asymmetric aortic root aneurysms. Annals of Cardiothoracic Surgery, 2019, 8, 426-429. | 0.6 | 14 |
| 107 | Multi-institutional Analysis of 200 COVID-19 Patients treated with ECMO:Outcomes and Trends. Annals of Thoracic Surgery, 2021, , . | 0.7 | 14 |
| 108 | Does Mitral Valve Repair Offer an Advantage OverÂReplacement in Patients Undergoing Aortic Valve Replacement?. Annals of Thoracic Surgery, 2014, 98, 598-604. | 0.7 | 13 |

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|---|---|---|---|
| 109 | Minimally invasive aortic valve repair using geometric ring annuloplasty. Journal of Cardiac Surgery, 2022, 37, 70-75. | 0.3 | 13 |
| 110 | Barriers to atrial fibrillation ablation during mitral valve surgery. Journal of Thoracic and Cardiovascular Surgery, 2023, 165, 650-658.e1. | 0.4 | 12 |
| 111 | Outcome and Cost of Nurse-Led vs Perfusionist-led Extracorporeal Membrane Oxygenation. Annals of Thoracic Surgery, 2022, 113, 1127-1134. | 0.7 | 12 |
| 112 | National Outcomes of Elective Hybrid Arch Debranching with Endograft Exclusion versus Total Arch Replacement Procedures: Analysis of the Society of Thoracic Surgeons Adult Cardiac Surgery Database. Aorta, 2021, 09, 021-029. | 0.1 | 12 |
| 113 | Optimal circulatory arrest temperature for aortic hemiarch replacement with antegrade brain perfusion. Journal of Thoracic and Cardiovascular Surgery, 2023, 165, 1759-1770.e3. | 0.4 | 12 |
| 114 | Social Risk Factors in Society of Thoracic Surgeons Risk Models. Part 1: Concepts, Indicator Variables, and Controversies. Annals of Thoracic Surgery, 2022, 113, 1703-1717. | 0.7 | 12 |
| 115 | International Participation in The Society of Thoracic Surgeons National Database. Annals of Thoracic Surgery, 2014, 97, 1127-1130. | 0.7 | 11 |
| 116 | A pathoanatomic approach to the management of mitral regurgitation. Trends in Cardiovascular Medicine, 2016, 26, 126-134. | 2.3 | 11 |
| 117 | The STS Participant-Level, Multiprocedural Composite Measure for Adult Cardiac Surgery. Annals of Thoracic Surgery, 2022, 114, 467-475. | 0.7 | 11 |
| 118 | Contemporary robotic cardiac surgical training. Journal of Thoracic and Cardiovascular Surgery, 2023, 165, 779-783. | 0.4 | 11 |
| 119 | The Expanding Role of Mitral Valve Repair in Triple Valve Operations: Contemporary North American Outcomes in 8,021 Patients. Annals of Thoracic Surgery, 2014, 97, 1513-1519. | 0.7 | 10 |
| 120 | The Effect of Comprehensive Society of Thoracic Surgeons Quality Improvement on Outcomes and Failure to Rescue. Annals of Thoracic Surgery, 2015, 100, 2147-2150. | 0.7 | 10 |
| 121 | Navigating the s-curve of transapical therapy. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 781-782. | 0.4 | 10 |
| 122 | Current Approach to Surgical Ablation for Atrial Fibrillation. Seminars in Thoracic and Cardiovascular Surgery, 2019, 31, 141-145. | 0.4 | 10 |
| 123 | Remifentanil and perioperative glycaemic response in cardiac surgery: an open-label randomised trial. British Journal of Anaesthesia, 2020, 124, 684-692. | 1.5 | 10 |
| 124 | Strategies for Mechanical Right Ventricular Support During Left Ventricular Assist Device Implant. Annals of Thoracic Surgery, 2022, 114, 484-491. | 0.7 | 10 |
| 125 | Social Risk Factors in Society of Thoracic Surgeons Risk Models. Part 2: Empirical Studies in Cardiac Surgery; Risk Model Recommendations. Annals of Thoracic Surgery, 2022, 113, 1718-1729. | 0.7 | 10 |
| 126 | The Society of Thoracic Surgeons NationalÂDatabase at 30: Honoring Our Heritage, Celebrating the Present, Evolving for the Future. Annals of Thoracic Surgery, 2019, 107, 1259-1266. | 0.7 | 9 |

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|---|---|---|---|
| 127 | Vascular Complications Increase Hospital Charges and Mortality in Adult Patients on Extracorporeal Membrane Oxygenation in the United States. Seminars in Thoracic and Cardiovascular Surgery, 2021, 33, 397-406. | 0.4 | 9 |
| 128 | The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2019 Update on Research. Annals of Thoracic Surgery, 2019, 108, 334-342. | 0.7 | 8 |
| 129 | Surgical Techniques for Mitral Valve Repair: A Pathoanatomic Grading System. Seminars in Cardiothoracic and Vascular Anesthesia, 2019, 23, 20-25. | 0.4 | 8 |
| 130 | A three-step technique for repair of rheumatic disease of the mitral valve. Cardiology in the Young, 2014, 24, 1104-1107. | 0.4 | 7 |
| 131 | Contemporary look at extracorporeal membrane oxygenation as a bridge to reoperative lung transplantation in the United States â€“ a retrospective study. Transplant International, 2020, 33, 895-901. | 0.8 | 7 |
| 132 | The Society of Thoracic Surgeons Coronary Artery Bypass Graft Composite Measure: 2021 Methodology Update. Annals of Thoracic Surgery, 2022, 113, 1954-1961. | 0.7 | 7 |
| 133 | Anesthetic Choice for Atrial Fibrillation Ablation: A National Anesthesia Clinical Outcomes Registry Analysis. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 2600-2606. | 0.6 | 7 |
| 134 | Executive Summary: Social Risk Factors in Society of Thoracic Surgeons Risk Models. Annals of Thoracic Surgery, 2022, 113, 1405-1406. | 0.7 | 7 |
| 135 | Transcatheter Closure of a SinusÂVenosusÂAtrial Septal Defect ViaÂTranshepatic Access. JACC: Cardiovascular Interventions, 2018, 11, e113-e115. | 1.1 | 6 |
| 136 | Respectful resection to enhance the armamentarium of mitral valve repair: Is less really more?. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1854-1855. | 0.4 | 6 |
| 137 | Contemporary Surgical and Transcatheter Management of Mitral Annular Calcification. Annals of Thoracic Surgery, 2021, 111, 390-397. | 0.7 | 6 |
| 138 | Robotic-assisted biatrial Cox-maze ablation for atrial fibrillation. Journal of Thoracic and Cardiovascular Surgery, 2023, 165, 108-112. | 0.4 | 6 |
| 139 | Robotic-assisted two-patch repair of right partial anomalous pulmonary venous connection and sinus venosus defect. JTCVS Techniques, 2020, 4, 262-264. | 0.2 | 6 |
| 140 | Contemporary left atrial appendage management during adult cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2023, 165, 1398-1404. | 0.4 | 6 |
| 141 | Cannulate, extubate, ambulate approach for extracorporeal membrane oxygenation for COVID-19. Journal of Thoracic and Cardiovascular Surgery, 2023, 166, 1132-1142.e33. | 0.4 | 6 |
| 142 | Are We Going Backwards or Forwards in Minimally Invasive Mitral Valve Surgery? Three Eras of Perfusion Strategy. Seminars in Thoracic and Cardiovascular Surgery, 2015, 27, 104-105. | 0.4 | 5 |
| 143 | Effect of Aortic Clamping Strategy on Postoperative Stroke in Coronary Artery Bypass Grafting Operations. JAMA Surgery, 2016, 151, 59. | 2.2 | 5 |
| 144 | Complex Considerations and Anesthetic Management in Patient With Multiple Intracardiac Myxomas. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 1374-1376. | 0.6 | 5 |

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|---|---|---|---|
| 145 | Seeing the entire forest in endocarditis. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 681-682. | 0.4 | 4 |
| 146 | Paradoxical Tumor Embolism and Recurrent Intracardiac Mass From Uterine Intravenous Leiomyomatosis. Journal of Cardiothoracic and Vascular Anesthesia, 2017, 31, 642-645. | 0.6 | 4 |
| 147 | Pre- Versus Post-Procedure Health Care Resource Utilization in Patients Undergoing Commercial Transcatheter Mitral Valve Repair. JACC: Cardiovascular Interventions, 2019, 12, 2416-2426. | 1.1 | 4 |
| 148 | The Use and Misuse of Indirectly Standardized, Risk-Adjusted Outcomes and Star Ratings. Annals of Thoracic Surgery, 2020, 109, 1319-1322. | 0.7 | 4 |
| 149 | Incremental effect of complications on mortality and hospital costs in adult ECMO patients. Perfusion (United Kingdom), 2022, 37, 461-469. | 0.5 | 4 |
| 150 | Leaflet Dimensions as a Guide to Remodeling Annuloplasty During Aortic Valve Repair. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2021, 16, 267-272. | 0.4 | 4 |
| 151 | Patients should be extubated in the operating room after routine cardiac surgery: An inconvenient truth. JTCVS Techniques, 2021, 8, 95-99. | 0.2 | 4 |
| 152 | Utilization of Thromboelastogram and Inflammatory Markers in the Management of Hypercoagulable State in Patients with COVID-19 Requiring ECMO Support. Case Reports in Critical Care, 2021, 2021, 1-4. | 0.2 | 4 |
| 153 | Extracorporeal support to treat E-cigarette or vaping product use-associated lung injury (EVALI) during the coronavirus disease 2019 (COVID-19) pandemic. JTCVS Techniques, 2020, 3, 381-384. | 0.2 | 4 |
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